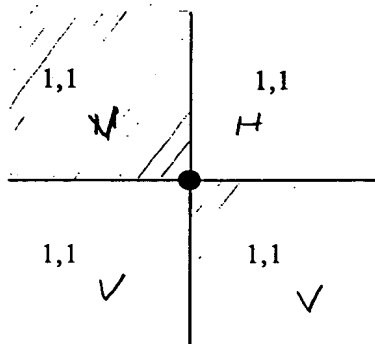


Figure 1. Graphical Representation of SINR and C/I



LEGEND

Shaded area: Vertically D/S Polarization  
Non shaded area: Horizontal D/S polarization

Figure 2. Single Cell Frequency Layout

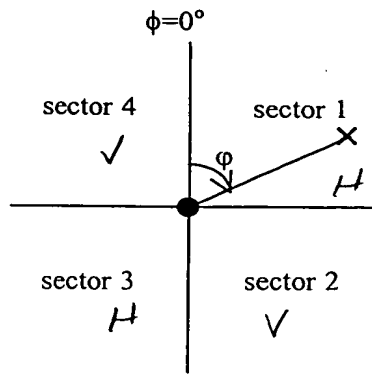


Figure 3. Single Cell C/I

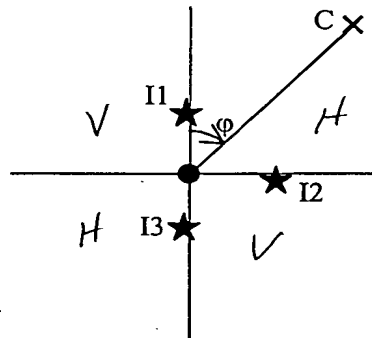


Figure 4. U/S Single Cell C/I

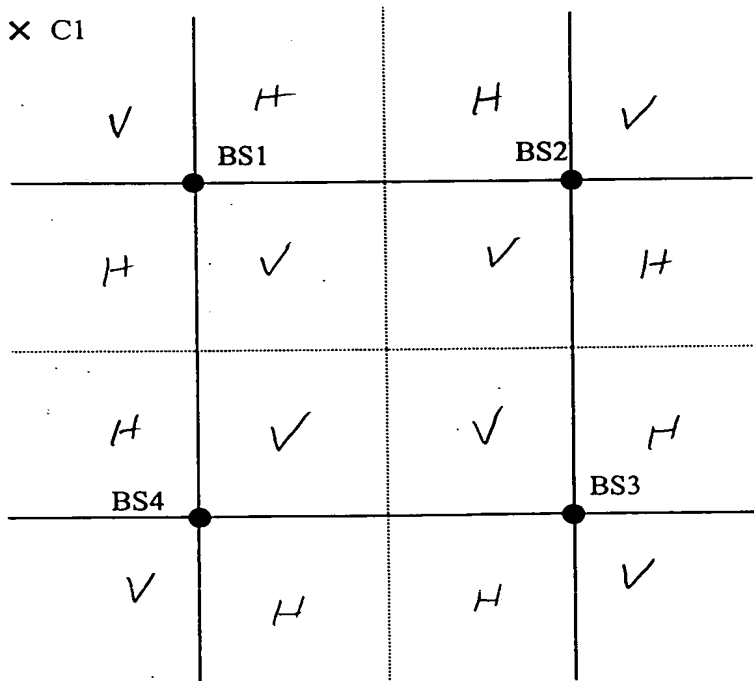


Figure 5. Straight 4 Hub Basic Layout

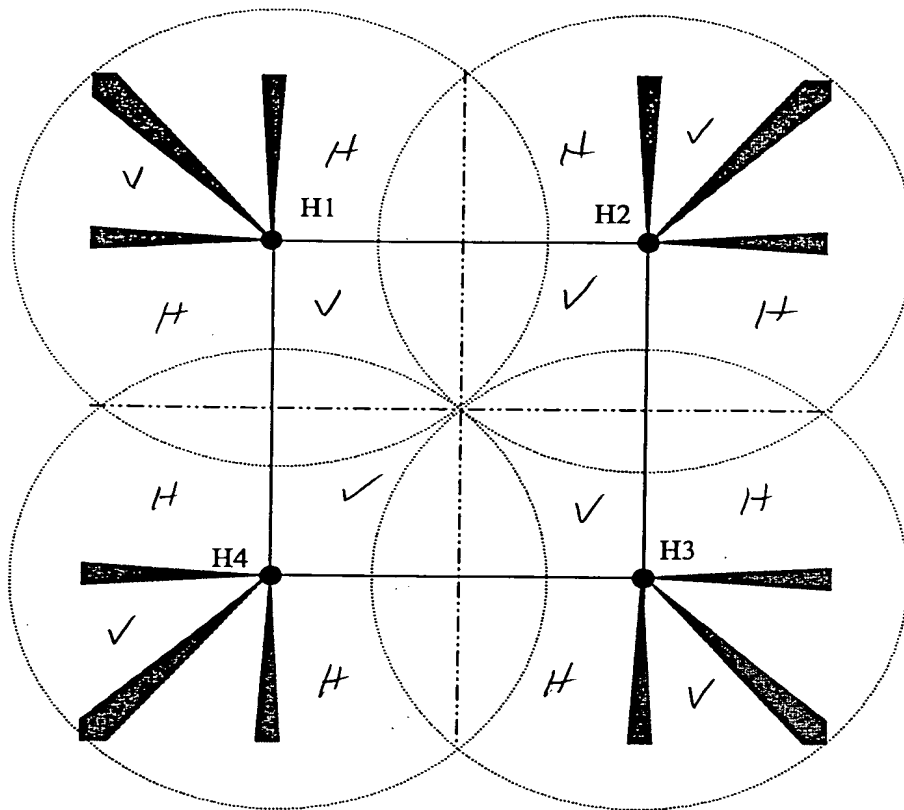


Figure 6. Straight 4 Hub D/S Interference Slivers (Polarization A)

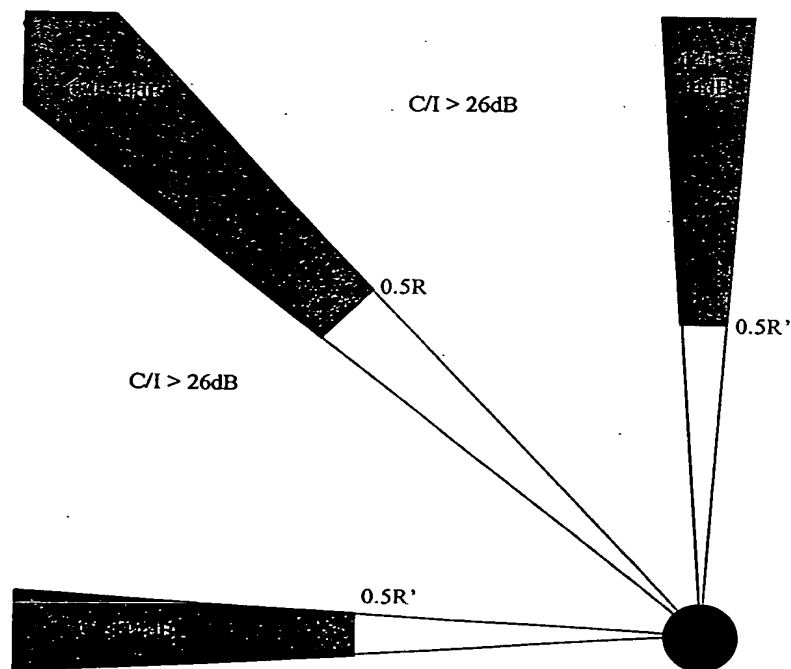


Figure 7. Straight 4 Hub D/S Interference vs.  $r$

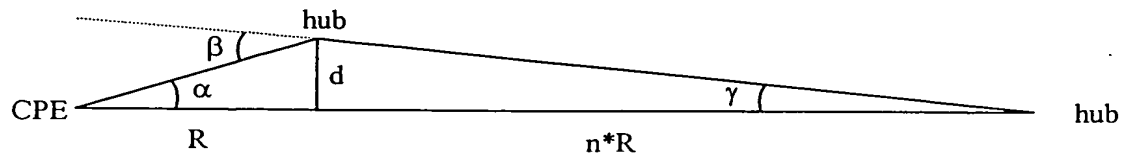


Figure 8. Interference Sliver Widths

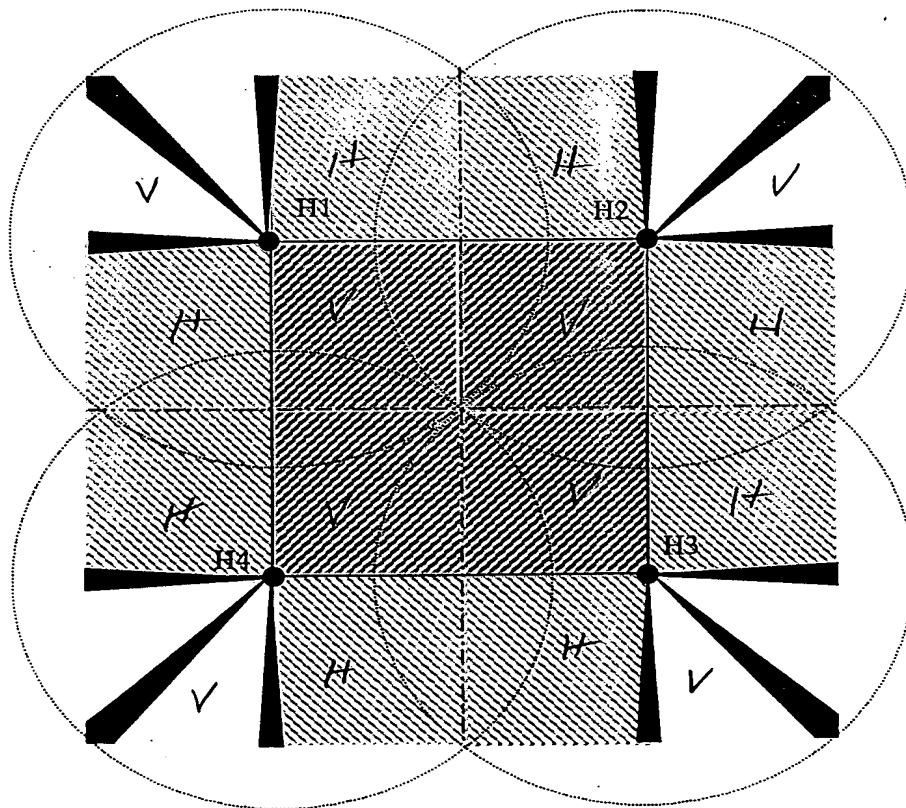


Figure 9. Straight 4 Hub U/S Interference (Polarization A)

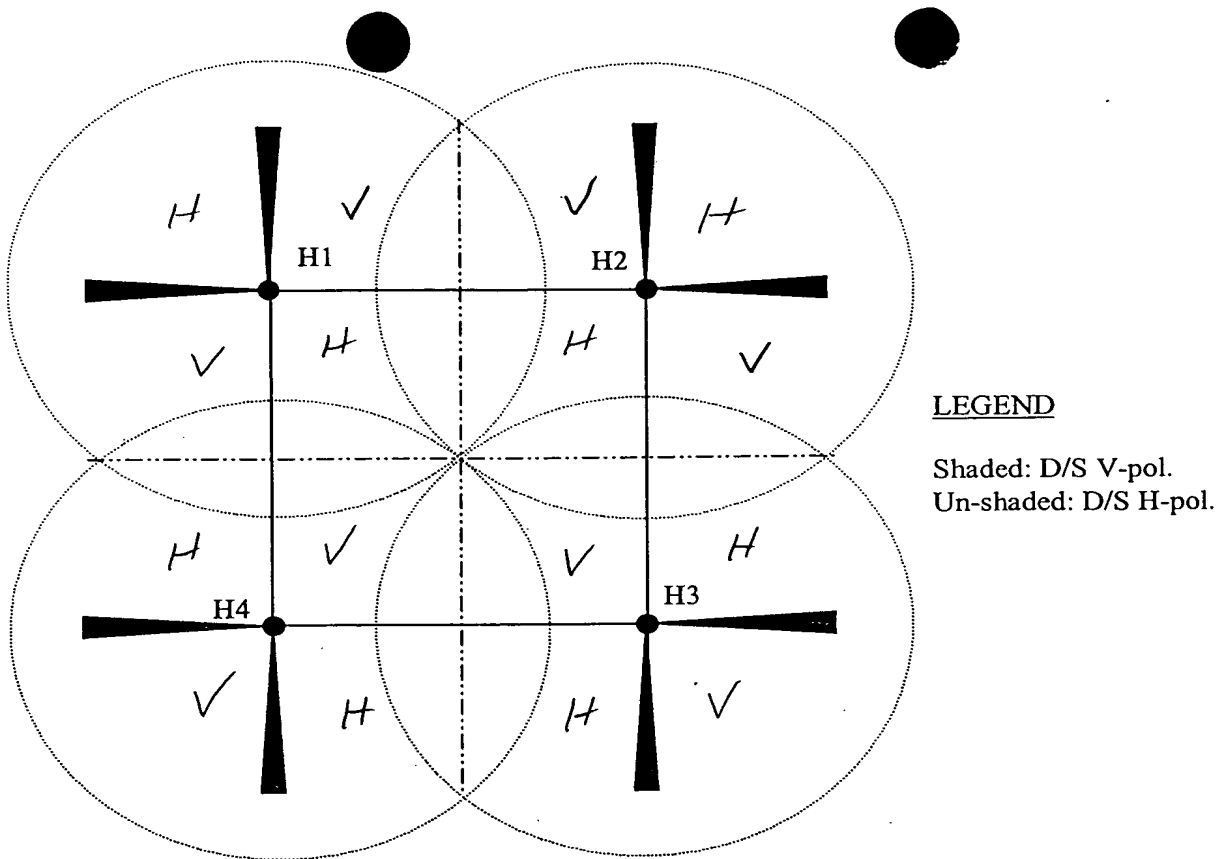


Figure 10. Straight 4 Hub D/S Interference (Polarization B)

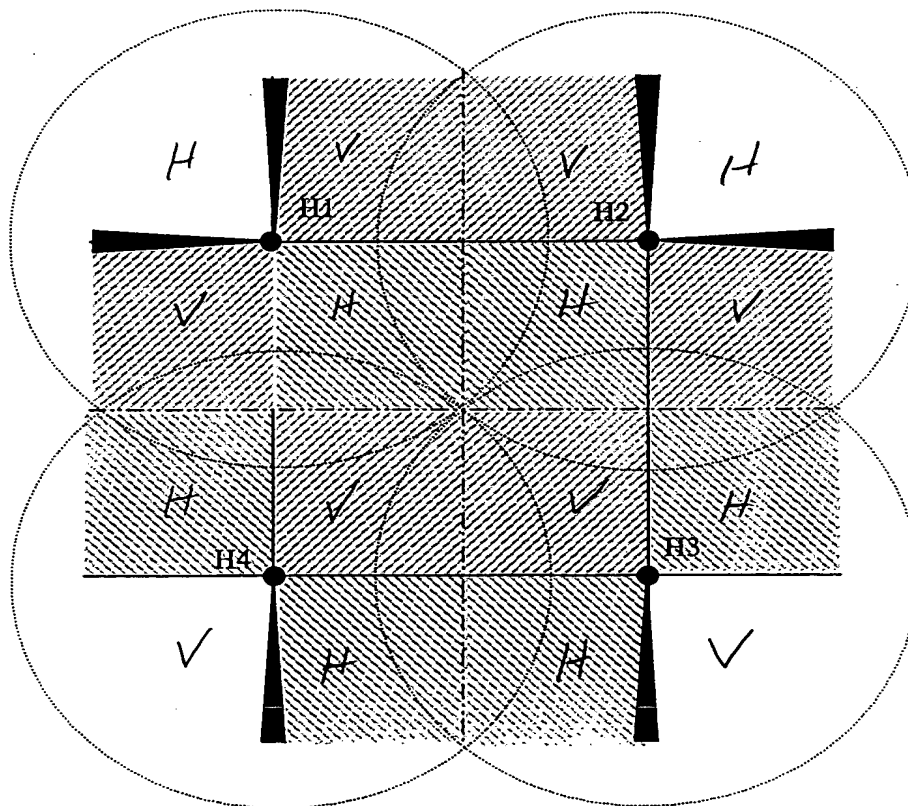


Figure 11. Straight 4 Hub U/S Interference (Polarization B)

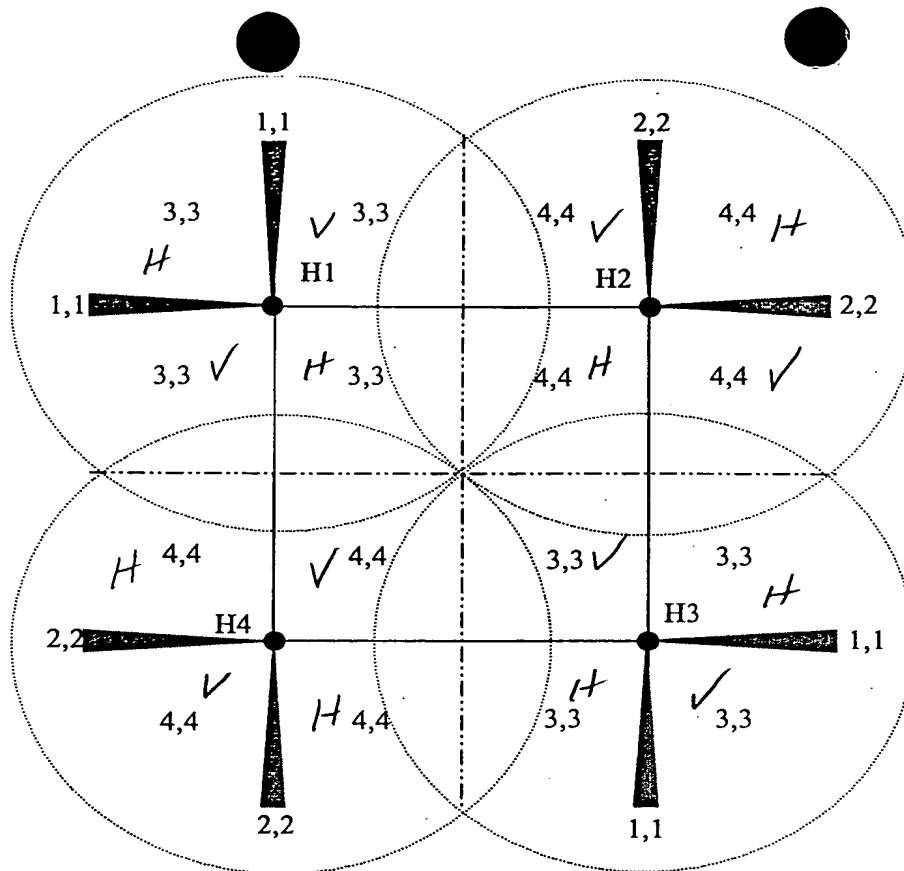


Figure 12. Straight 4 Hub D/S and U/S Frequency Layout (Polarization B)

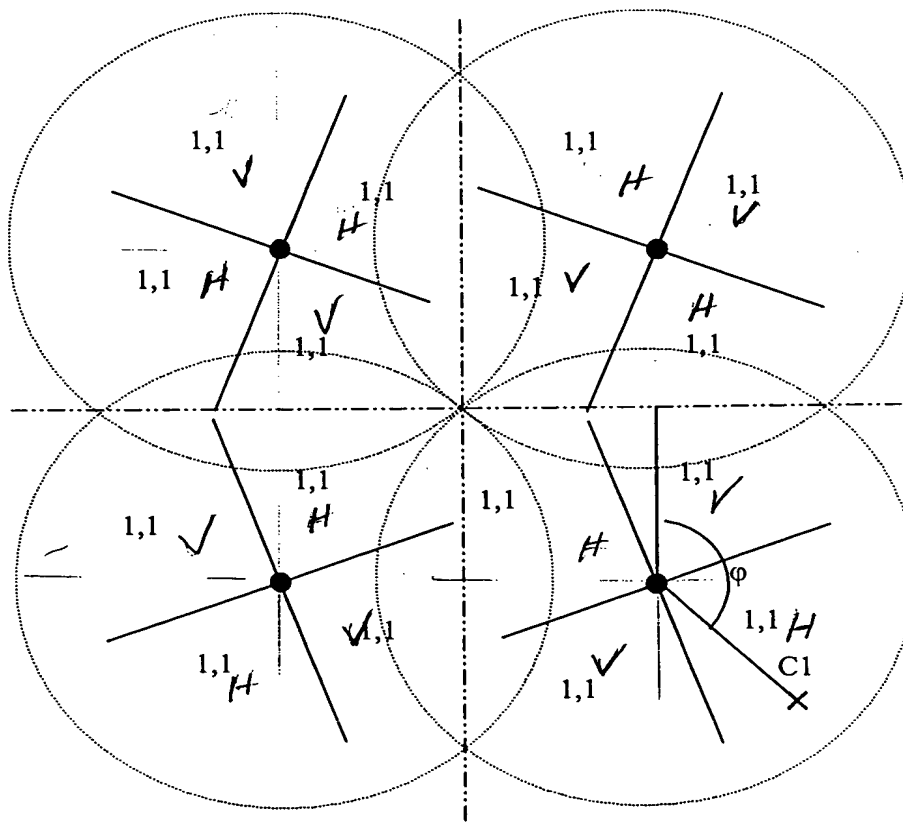


Figure 13. Slanted Hubs in 4 Hub Network

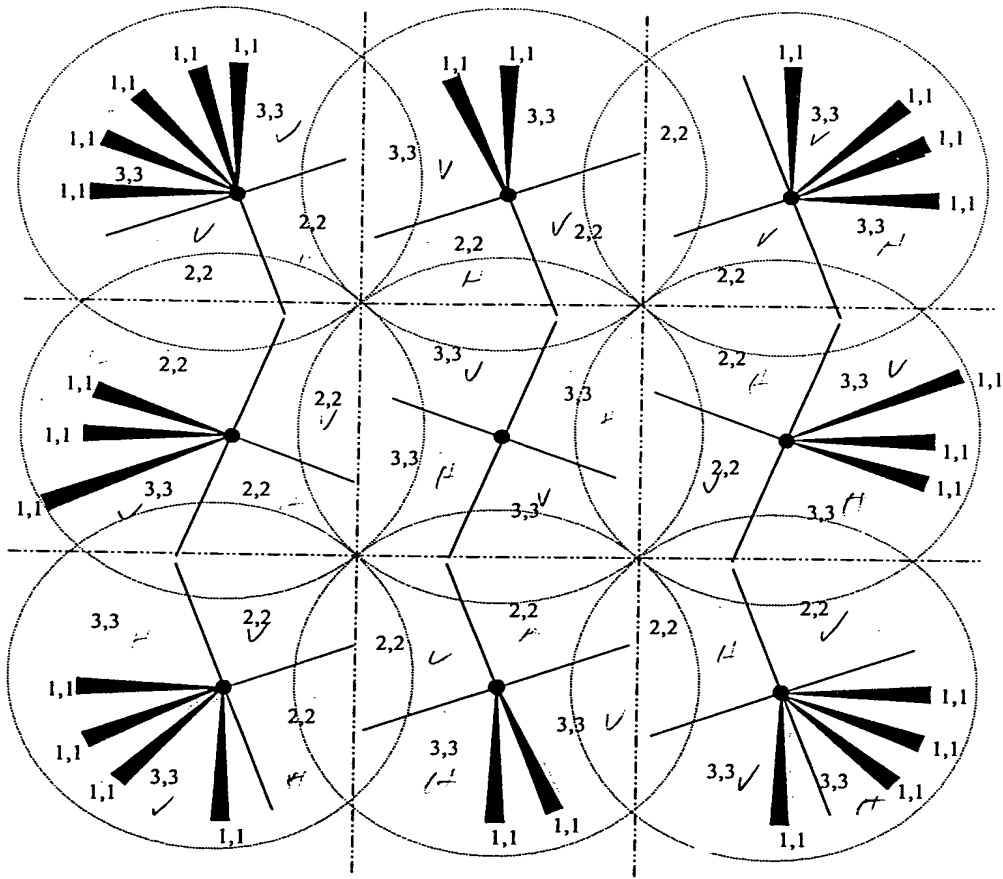


Figure 14. Slanted Hubs in 9 Hub Network, D/S and U/S Frequency Assignment

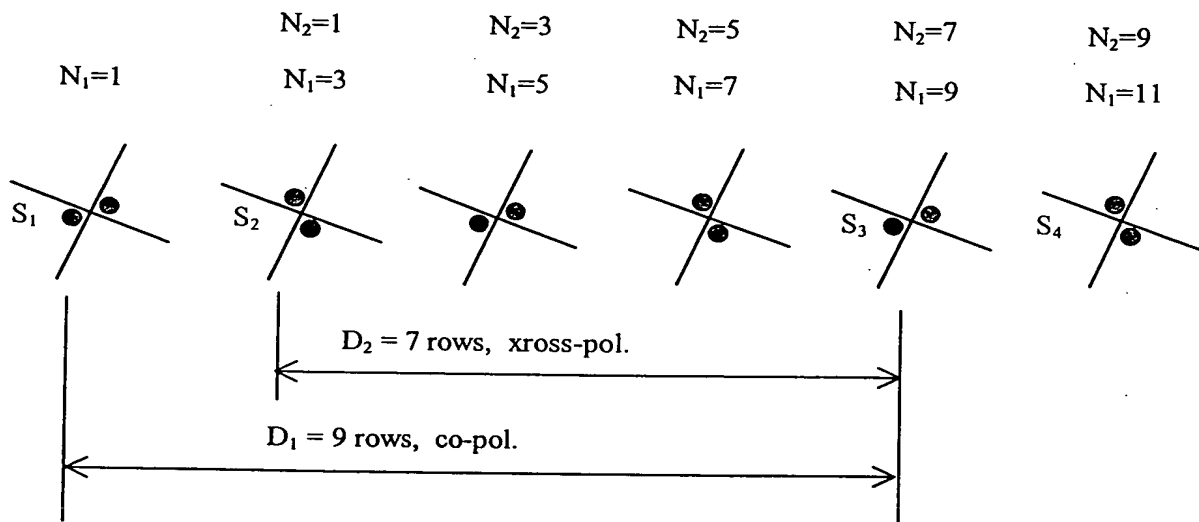


Figure 15. Re-use in Slanted Hub Layout

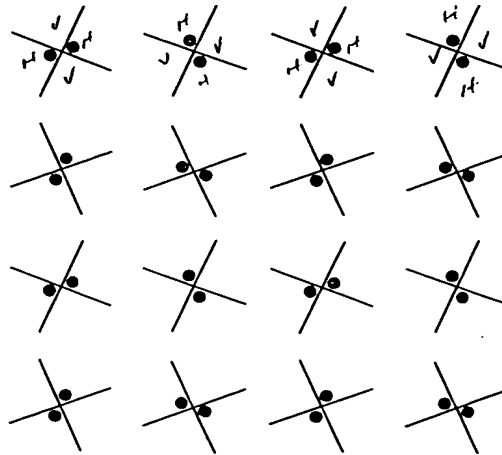


Figure 16. 4x4 Cluster, Sectorization and Polarization

1	2	2	1
3	3	4	4
3	3	4	4
1	2	2	1

Figure 17. 4x4 Cluster, Frequency Re-use



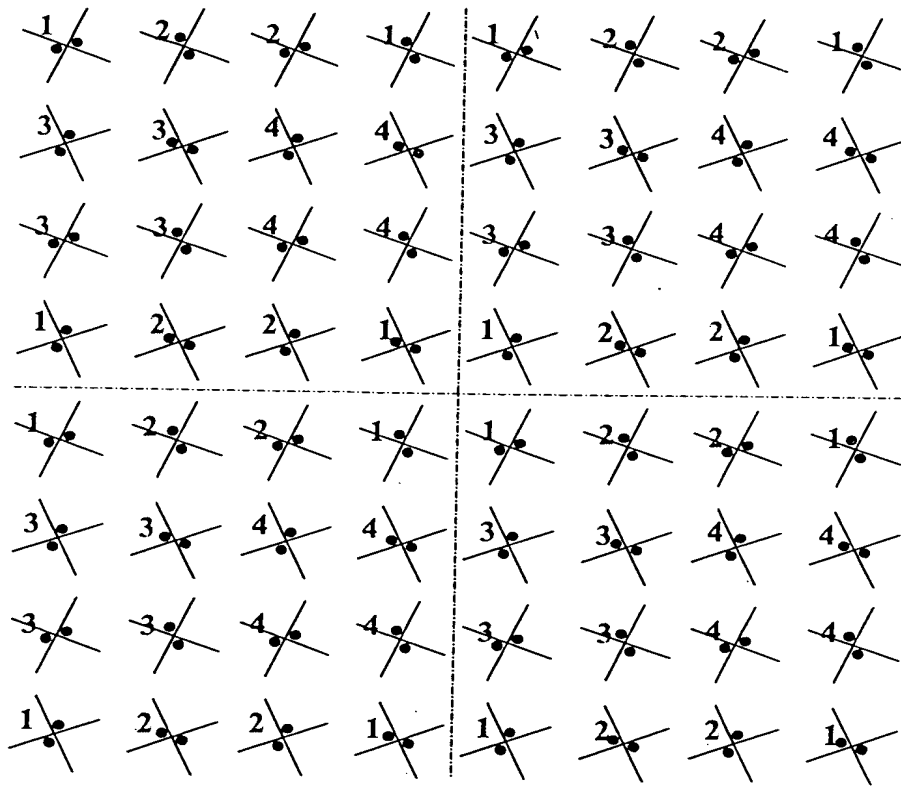


Figure 18. 4x4 Cluster, Complete Layout

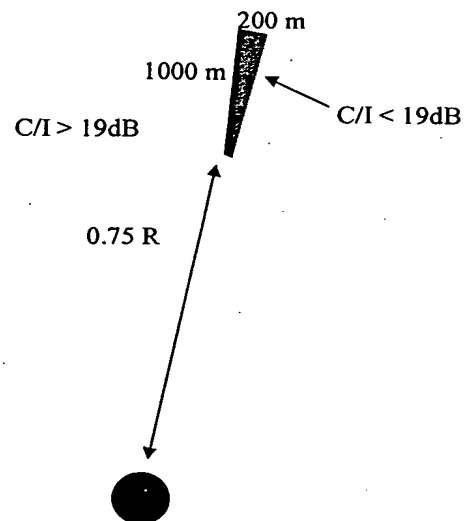


Figure 20. Sliver (detail) in Final Layout

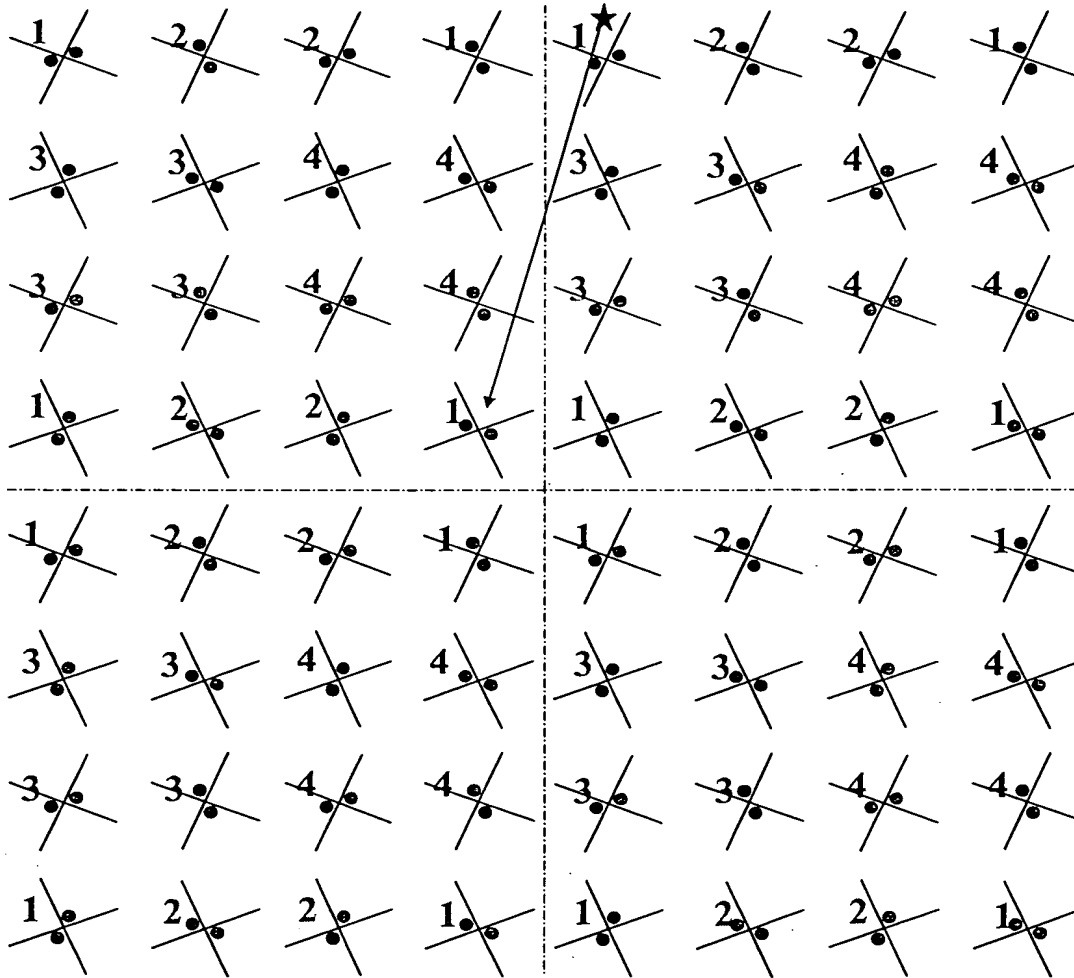


Figure 19. Sliver(s) in Final Design

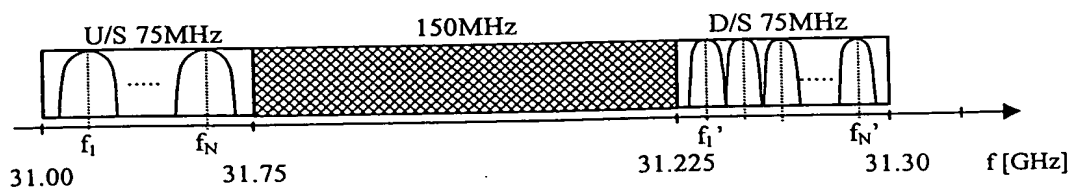


Figure 21. LMDS U.S. B-Band

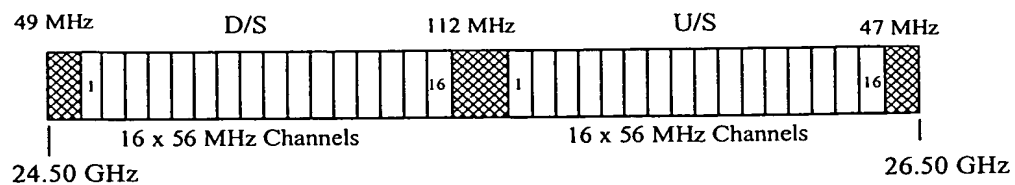


Figure 22. ETSI 26 GHz Spectrum Overview (56 MHz sub-band option)

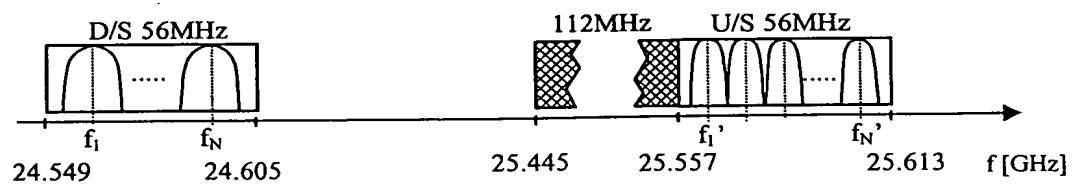


Figure 23. ETSI 26 GHz Spectrum (Detailed Example)